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14089046605 From: Thomas Berthold

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PTO/SB/21 (04-04)

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/916,390	
	Filing Date	07/26/2001	
	First Named Inventor	Matthew J. Carey	
	Art Unit	1773	
	Examiner Name	Holly C. Rickman	
Total Number of Pages in This Submission	10	Attorney Docket Number	ARC920010091US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas R. Berthold
Signature	<i>Thomas R. Berthold</i>
Date	05/14/2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Thomas R. Berthold		
Signature	<i>Thomas R. Berthold</i>	Date	05/14/2004

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**FEE TRANSMITTAL
for FY 2004**

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TOTAL AMOUNT OF PAYMENT (\$) 0.00**Complete if Known**

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Filing Date	07/26/2001
First Named Inventor	Matthew J. Carey
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METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 502587 Deposit Account Name: Hitachi Global Storage Technologies <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130 205 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50 227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130 139 130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520 147 2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920* 112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840* 113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110 215 55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420 216 205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950 217 465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480 218 725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010 228 985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330 219 160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330 220 160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290 221 140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510 138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110 240 55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330 241 650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330 242 650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480 243 235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640 244 310</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130 122 130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50 123 50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180 126 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40 581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770 246 370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770 249 370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770 279 375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900 169 900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1051	130 205 65	Surcharge - late filing fee or oath		1052	50 227 25	Surcharge - late provisional filing fee or cover sheet		1053	130 139 130	Non-English specification		1812	2,520 147 2,520	For filing a request for ex parte reexamination		1804	920* 112 920*	Requesting publication of SIR prior to Examiner action		1805	1,840* 113 1,840*	Requesting publication of SIR after Examiner action		1251	110 215 55	Extension for reply within first month		1252	420 216 205	Extension for reply within second month		1253	950 217 465	Extension for reply within third month		1254	1,480 218 725	Extension for reply within fourth month		1255	2,010 228 985	Extension for reply within fifth month		1401	330 219 160	Notice of Appeal		1402	330 220 160	Filing a brief in support of an appeal		1403	290 221 140	Request for oral hearing		1451	1,510 138 1,510	Petition to institute a public use proceeding		1452	110 240 55	Petition to revive - unavoidable		1453	1,330 241 650	Petition to revive - unintentional		1501	1,330 242 650	Utility issue fee (or reissue)		1502	480 243 235	Design issue fee		1503	640 244 310	Plant issue fee		1460	130 122 130	Petitions to the Commissioner		1807	50 123 50	Processing fee under 37 CFR 1.17(q)		1806	180 126 180	Submission of Information Disclosure Stmt		8021	40 581 40	Recording each patent assignment per property (times number of properties)		1809	770 246 370	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770 249 370	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770 279 375	Request for Continued Examination (RCE)		1802	900 169 900	Request for expedited examination of a design application		Other fee (specify)			
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Thomas R. Berthold	Registration No. (Attorney/Agent)	28,689
Signature	<i>Thomas R. Berthold</i>	Telephone	(408) 396-8411
		Date	05/14/2004

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PATENT 1 4 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.: 09/916,390

Art Unit: 1773

Filing Date: 07/26/2001

Examiner: Holly C. Rickman

First Named Inventor: Matthew J. Carey

Date: 5/14/2004

Title: **DUAL-LAYER PERPENDICULAR MAGNETIC RECORDING MEDIA
WITH LAMINATED UNDERLAYER FORMED WITH
ANTIFERROMAGNETICALLY COUPLED FILMS**

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office communication mailed 2/23/2004. Please amend the application as follows:

ARC920010091US1

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09/916,390